

Title (en)  
JACKHAMMER WITH A LIFT ASSIST

Title (de)  
PRESSLUFTHAMMER MIT HEBEHILFE

Title (fr)  
MARTEAU-PIQUEUR EQUIPE D'UN MECANISME D'AIDE AU SOULEVEMENT

Publication  
**EP 1999336 A4 20120620 (EN)**

Application  
**EP 07753215 A 20070315**

Priority  
• US 2007006570 W 20070315  
• US 78265506 P 20060315

Abstract (en)  
[origin: WO2007106574A2] The present invention relates to an integrated percussion power tool which contains a percussion mechanism and a lift assist mechanism to reduce the physical demands for its operation by facilitating the lifting and extracting of the percussion power tool. In general, the integrated percussion power tool is a T-shaped machine which has a vertical cylindrical body with two handles, two hand control levers cross the top, and a working tool and a lifting foot on the bottom for engaging with a working surface. The first hand lever is for controlling the operation of the percussion mechanism, whereas the second hand lever is for manipulating the operation of the lift assist mechanism. The percussion mechanism and the lift assist mechanism are both housed in the vertical cylindrical body of the integrated percussion power tool.

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**B25D 9/04** (2013.01 - EP US); **B25D 17/30** (2013.01 - EP US); **B25D 17/32** (2013.01 - EP US)

Citation (search report)  
• [XYI] GB 941548 A 19631113 - EAST MIDLANDS GAS BOARD, et al  
• [Y] GB 1533745 A 19781129 - ANDERSSON R  
• See references of WO 2007106574A2

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